

R E M A R K S

Claims 1-6 are pending and under consideration. In the Office Action of September 21, 2005, the Examiner made the following disposition:

- A.) Commented on the Declaration.
- B.) Acknowledged receipt of the certified copy of the foreign priority document.
- C.) Objected to claims 1-5.
- D.) Rejected claims 1, 3, 4, and 6 under 35 U.S.C. §102(b) as being anticipated by *Xu, et al.*
- E.) Objected to claims 2 and 5.

Applicants respectfully traverse the rejection and address the Examiner's disposition below.

A.) Regarding the Examiner's comments on the Declaration:

Applicants are reviewing the declaration and may submit a supplemental declaration if necessary.

B.) Acknowledgement of receipt of the certified copy of the foreign priority document:

Applicants respectfully acknowledge receipt of the certified copy of the foreign priority document.

C.) Objection to claims 1-5:

Claims 1, 2, 4, and 5 have been amended as per the Examiner's request to overcome the objection.

Regarding the numbering of formulas in the claims, Applicants note that each independent claim stands on its own. Formula numbers have been amended to start with formula 1 in each independent claim to make it easier for the reader to understand the formula numbering within the claims.

Applicants respectfully submit the objection has been overcome and request that it be withdrawn.

D.) Rejection of claims 1, 3, 4, and 6 under 35 U.S.C. §102(b) as being anticipated by *Xu, et al.*:

Applicants respectfully disagree with the rejection.

Applicants' independent claims 1 and 4, each as amended, each claim subject matter relating to a resonating structure resonating light generated in a light-emitting layer between a

first end portion and a second end portion, wherein an optical distance L1 between the first end portion and a maximum light-emitting position of the light emitting layer satisfies a first claimed mathematical formula. An optical distance L2 between a second end portion and the maximum light-emitting position of the light-emitting layer satisfies a second claimed mathematical formula.

This is clearly unlike *Xu*. *Xu* discloses a device having a plurality of microcavities in tandem. As clearly shown in *Xu*'s Figure 2, *Xu*'s L1 represents a distance between a first end portion and a second end portion of a first microcavity, and *Xu*'s L2 represents a distance between a first end portion and a second end portion of a second microcavity.

Therefore, *Xu* fails to disclose or suggest a device in which L1 and L2 represent distances in a common microcavity, wherein L1 satisfies Applicants' claimed Mathematical Formula 1 and L2 satisfies Applicants' claimed Mathematical Formula 2.

Claims 2, 3, 5, and 6 depend directly or indirectly from claims 1 or 4 and are therefore allowable for at least the same reasons that claims 1 and 4 are allowable.

Applicants respectfully submit the rejection has been overcome and request that it be withdrawn.

E.) Objection to claims 2 and 5:


Applicants respectfully acknowledge the Examiner's finding of allowable subject matter in claims 2 and 5. Independent claims 1 and 4 are allowable as discussed above. Claims 2 and 5 depend directly or indirectly from claims 1 or 4 and are therefore allowable for at least the same reasons that claims 1 and 4 are allowable.

Applicants respectfully submit the objection has been overcome and request that it be withdrawn.

CONCLUSION

It is submitted that claims 1-6 are patentable and that the application is in condition for allowance. Notice to that effect is requested.

Respectfully submitted,

 (Reg. No. 45,034)
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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited as First Class Mail in an envelope addressed to Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450 on December 21, 2005.

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